

IN THE CLAIMS:

Please amend claims 1-6 and 8-19 as follows:

1. (Currently Amended) A display control apparatus connectable to a WWW server, comprising:

a memory;

a browser to request image information related to screens and a display control program from the WWW server and to download the image information and the display control program;

a display control means for generating part configured to generate a plurality of control blocks based on the display control program which is downloaded by the browser, each of said control blocks itself having a function of requesting and downloading the image information and the display control program from the WWW server and developing images the screens in said memory based on the image information which is downloaded by the browser or by the control block itself; and

a display means for displaying an image part configured to display a screen developed in said memory and corresponding to a business which is selected from another image screen which is being displayed.

2. (Currently Amended) The display control apparatus as claimed in claim

1, further comprising:

an applet means for displaying part configured to display a list of businesses based on information which is downloaded by the browser,

said display ~~means~~ part displaying an image a screen developed in said memory and corresponding to a business which is selected from the list.

3. (Currently Amended) The display control apparatus as claimed in claim

1, wherein said control blocks include an ID for specifying one of a display of ~~an image a screen~~, non-display of ~~an image a screen~~ which is being displayed, and non-display of the ~~image screen~~ which is being displayed and display of another ~~image screen~~.

4. (Currently Amended) The display control apparatus as claimed in claim

1, wherein said image information includes generation timing information which indicates a timing with which the ~~image screen~~ is to be developed in said memory.

5. (Currently Amended) The display control apparatus as claimed in claim

1, wherein said image information includes deletion timing information which indicates a timing with which the ~~image screen~~ developed in said memory is to be deleted.

6. (Currently Amended) The display control apparatus as claimed in claim 1, wherein a first control block corresponding to a first ~~image~~screen and a second control block corresponding to a second ~~image~~screen which is different from said first ~~image~~screen exchange data of the first ~~image~~screen and data of the second ~~image~~screen.

7. (Cancelled)

8. (Currently Amended) A computer-readable storage medium which stores a computer program for causing a computer, which includes a memory and a browser which is ~~accessible to~~configured to make access to a WWW server to download image information related to screens and a display control program, to control display, said computer program comprising:

~~a display control means for causing~~a display control means for causing procedure to cause the computer to generate a plurality of control blocks based on the display control program which is downloaded from the WWW server by the browser, each of said control blocks itself having a function of requesting and downloading the image information and the display control program from the WWW server and causing the computer to develop ~~images~~screens in said memory based on the image information which is downloaded from the WWW server ~~by the browser or by the~~ control block itself; and

a display means for causing procedure to cause the computer to display an ~~image~~a screen developed in said memory and corresponding to a business which is selected from another ~~image~~screen which is being displayed.

9. (Currently Amended) The storage medium as claimed in claim 8, wherein the computer program further comprises:

an applet means for causing procedure to cause the computer to display a list of businesses based on information which is downloaded from the WWW server by the browser,

said display ~~means~~procedure causing the computer to display an ~~image~~a screen developed in said memory and corresponding to a business which is selected from the list.

10. (Currently Amended) The storage medium as claimed in claim 8, wherein a first control block corresponding to a first ~~image~~screen and a second control block corresponding to a second ~~image~~screen which is different from said first ~~image~~screen cause the computer to exchange data of the first ~~image~~screen and data of the second ~~image~~screen.

11. (Currently Amended) A business processing system which carries out business by linking to a network, comprising:

a WWW server comprising a sending section configured to send a business processing program to a WWW client in response to a request from the WWW client, said business processing program comprising an image control procedure to cause the WWW client to generate image information storage means, output control means and control means based on image information related to screens, said image information storage means causing the WWW client to store in a memory thereof the image information including generation timing information which indicates a timing with which ~~the image~~ a screen is to be developed in the memory and deletion timing information which indicates a timing with which a developed ~~image screen~~ in the memory is to be deleted, said control means causing the WWW client to refer to the image information in the memory in order to generate or delete the ~~image screen~~ and to control switching of the ~~imagescreens~~, said output control means causing the WWW client to output an ~~image~~ a screen corresponding to a business if the ~~image screen~~ screen corresponding to the business exists in the memory and to request the ~~image screen~~ screen corresponding to the business to the WWW server and to download the ~~image screen~~ screen corresponding to the business if the ~~image screen~~ screen corresponding to the business does not exist in the memory; and

the WWW client, coupled to the WWW server, comprising a receiving section to receive the business processing program sent from the sending section of the WWW server, and an executing section to execute the business processing program.

12. (Currently Amended) A business processing system which carries out business by linking to a network, comprising:

a WWW server comprising a sending configured section to send a business processing program to a WWW client in response to a request from the WWW client, said business processing program comprising an image control procedure to cause the WWW client to generate image information storage means, image check means, output control means and control means based on image information related to screens, said image information storage means causing the WWW client to store in a memory thereof image information including image ID information which indicates an ID of the ~~image~~ screen to be generated, generation timing information which indicates a timing with which the ~~image~~ screen is to be developed in the memory, deletion timing information which indicates a timing with which a developed ~~image~~ screen in the memory is to be deleted and data region information to set data of a user, said image check means causing the WWW client to refer to the image information in the memory and to check whether an ~~image~~ screen corresponding to a business input by the user exists in the memory, said output control means causing the WWW client to output the ~~image~~ screen corresponding to the business if the ~~image~~ screen corresponding to the business exists in the memory and to request the ~~image~~ screen corresponding to the business to the WWW server and download the ~~image~~ screen corresponding to the business if the ~~image~~ screen corresponding to the business does not

exist in the memory, said control means causing the WWW client to delete the ~~image screen~~ in the memory depending on a number of ~~images-screens~~ managed in the memory; and

the WWW client, coupled to the WWW server, comprising a receiving section to receive the business processing program sent from the sending section of the WWW server, and an executing section to execute the business processing program.

13. (Currently Amended) A WWW server connectable via a network to a WWW client which carries out business processing, comprising:

a receiving section configured to receive a request from the WWW client via the network; and

a sending section configured to send business processing program to the WWW client via the network in response to the request from the WWW client,

said business processing program comprising:

an image information storage procedure to cause the WWW client to store in a memory thereof image information related to screens and including generation timing information which indicates a timing with which the ~~imagea screen~~ is to be developed in the memory and deletion timing information which indicates a timing with which a developed ~~image screen~~ in the memory is to be deleted;

an output control procedure to cause the WWW client to output an ~~imagea screen~~ corresponding to a business if the ~~image screen~~ corresponding to the business exists in

the memory and to request the ~~image~~screen corresponding to the business to the WWW server and to download the ~~image~~screen corresponding to the business if the ~~image~~screen corresponding to the business does not exist in the memory; and

a control procedure to cause the WWW client to refer to the image information in the memory in order to generate or delete the ~~image~~screen and to control switching of the image.

14. (Currently Amended) A computer-readable storage medium which stores a business processing program for causing a WWW client to carry out a business by linking with a WWW server via a network, said business processing program comprising:

an image control procedure to cause the WWW client to generate image information storage means, output control means and control means based on image information related to screens,

said image information storage means causing the WWW client to store in a memory thereof image information including generation timing information which indicates a timing with which the ~~image~~a screen is to be developed in the memory and deletion timing information which indicates a timing with which a developed ~~image~~screen in the memory is to be deleted,

said output control means causing the WWW client to output an ~~image~~a screen corresponding to a business if the ~~image~~screen corresponding to the business exists in the



memory and to request the ~~image-screen~~ corresponding to the business to the WWW server and to download the ~~image-screen~~ corresponding to the business if the ~~image-screen~~ corresponding to the business does not exist in the memory;

said control means causing the WWW client to refer to the image information in the memory in order to generate or delete the ~~image-screen~~ to control switching of the ~~imagescreen~~.

15. (Currently Amended) A computer-readable storage medium which stores a business processing program for causing a WWW client to carry out a business by linking with a WWW server via a network, said business processing program comprising:

an image control procedure to cause the WWW client to generate image information storage means, image check means, output control means and control means based on image information related to screens,

said image information storage means causing the WWW client to store in a memory thereof image information including image ID information which indicates an ID of the ~~image~~ a screen to be generated, generation timing information which indicates a timing with which the ~~image-screen~~ is to be developed in the memory, deletion timing information which indicates a timing with which a developed ~~image-screen~~ in the memory is to be deleted and data region information to set data of a user,

said image check means causing the WWW client to refer to the image information in the memory and to check whether an image corresponding to a business input by the user exists in the memory,

said output control means causing the WWW client to output the ~~image~~screen corresponding to the business if the ~~image~~screen corresponding to the business exists in the memory and to request the ~~image~~screen corresponding to the business to the WWW server and download the ~~image~~screen corresponding to the business if the ~~image~~screen corresponding to the business does not exist in the memory,

said control means causing the WWW client to delete the ~~image~~screen in the memory depending on a number of ~~images~~screens managed in the memory.

16. (Currently Amended) A business processing method for carrying out a business in a WWW client by linking with a WWW server via a network, said business processing method comprising the steps of:

(a) requesting image information related to screens and a program from the WWW server;

(b) storing in a memory of the WWW client the image information including generation timing information which indicates a timing with which ~~the image~~a screen is to be developed in the memory and deletion timing information which indicates a timing with which a developed ~~image~~screen in the memory is to be deleted;

(c) outputting ~~an image~~a screen corresponding to a business if the ~~image~~screen corresponding to the business exists in the memory and requesting the ~~image~~screen corresponding to the business to the WWW server and downloading the ~~image~~screen corresponding to the business if the ~~image~~screen corresponding to the business does not exist in the memory; and

(d) referring to the image information in the memory in order to generate or delete the ~~image~~screen and to control switching of the ~~images~~screens.

17. (Currently Amended) A business processing method for carrying out a business in a WWW client by linking with a WWW server via a network, said business processing method comprising the steps of:

(a) requesting image information related to screens and a program from the WWW server;

(b) storing in a memory of the WWW client image information including image ID information which indicates an ID of ~~the image~~a screen to be generated, generation timing information which indicates a timing with which the ~~image~~screen is to be developed in the memory, deletion timing information which indicates a timing with which a developed ~~image~~screen in the memory is to be deleted, and data region information to set data of a user;

(c) referring to the image information in the memory to check whether an ~~image~~a screen corresponding to the business input by the user exists in the memory;

(d) outputting the ~~image~~screen corresponding to the business if the ~~image~~screen corresponding to the business exists in the memory, and requesting the ~~image~~screen corresponding to the business from the WWW server and downloading the ~~image~~screen corresponding to the business if the ~~image~~screen corresponding to the business does not exist in the memory; and

(e) deleting the ~~image~~screen in the memory depending on a number of ~~images~~screens managed in the memory.

18. (Currently Amended) A display control method for controlling display of ~~images~~screens in a client which has a memory, comprising the step of:

requesting image information related to screens and a display control program to a server and downloading the image information and the display control program by a browser;

generating a plurality of control blocks based on the display control program which is downloaded by the browser, each of said control blocks itself having a function of requesting and downloading the image information and the display control program from the server and developing ~~images~~screens in the memory based on the image information which is downloaded by the browser or by the control block itself; and

~~display means for displaying an image~~a screen developed in the memory and corresponding to a business which is selected from a business list which is being displayed.

19. (Currently Amended) The display control method as described in claim 18, wherein said generating step generates a first control block corresponding to a first ~~image~~ screen and a second control block corresponding to a second ~~image~~ screen which is different from the first ~~imagescreen~~, said first control block and said second control block exchanging data of the first ~~image~~ screen and data of the second ~~imagescreen~~.